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PTO/88/084 PL-001

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Substitute for form 1448A/PTD

(use as many sheets as necessary)

Sheet	2	of	6
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### Complete If Known

Application Number	10/504,007
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Filing Date	6/20/2003
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First Named Inventor	Griffin et al
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### Group Art Unit

**Examiner Name**

Attorney Docket Number	78-1081-0-5
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## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figure Appear
		Number	Kind Code <sup>2</sup> (If Known)			
A		4,580,014		Geczy	12/24/1985	
		4,570,726		Hall	02/18/1986	
		4,572,722		Dyer	02/25/1986	
		4,605,343		Hibbs Jr et al	06/12/1986	
		4,606,738		Hayden	08/19/1986	
		4,621,031		Scruggs	11/04/1986	
		4,636,253		Nakai et al	01/13/1987	
		4,645,977		Kurokawa et al	02/24/1987	
		4,662,348		Hall et al	08/05/1987	
		4,664,705		Horton et al	05/12/1987	
		4,670,025		Pipkin	08/02/1987	
		4,707,384		Schachner et al	11/17/1987	
		4,726,718		Meskin et al	02/23/1988	
		4,766,040		Hillert et al	08/24/1988	
		4,776,881		Fruhauf	10/11/1988	
		4,792,001		Zijeling	12/20/1988	
		4,793,828		Burnand	12/27/1988	
		4,787,241		Peterson et al	01/10/1989	
		4,802,539		Hall et al	02/07/1989	
A		4,807,402		Rai	02/28/1989	

**FOREIGN PATENT DOCUMENTS**

[illegible]

**Examiner  
Signature**

Date Considered

10/04

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**Complete if Known**

Application Number	10/604,007
Filing Date	8/20/2003
First Named Inventor	Griffin et al
Group Art Unit	
Examiner Name	
Attorney Docket Number	78.1081-0.6

**U.S. PATENT DOCUMENTS**

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Relevant Paragraph or Relevant Figure Appear
		Number	Kind Code (if known)			
2		4,828,682		Frushour	05/09/1989	
		4,881,350		Phael et al	08/29/1989	
		4,871,377		Frushour	10/03/1988	
		4,899,922		Slutz et al	02/13/1990	
		4,819,220		Fuller et al	04/24/1989	
		4,940,180		Martell	07/10/1990	
		4,943,488		Sung et al	07/24/1990	
		4,944,772		Cho	07/31/1990	
		4,976,324		Tibbitts	12/11/1990	
		5,027,912		Juergens	07/02/1991	
		5,030,276		Sung et al	07/09/1991	
		5,082,687		Hall	03/03/1992	
		5,116,566		Sung et al	05/25/1992	
		5,127,923		Bunting et al	07/07/1992	
		5,135,081		Newton Jr	08/04/1992	
		5,176,720		Martell et al	01/05/1993	
		5,186,725		Martell et al	02/16/1993	
		5,199,832		Meskin et al	04/06/1993	
		5,205,684		Meskin et al	04/27/1993	
		5,213,248		Horton et al	05/28/1993	

**FOREIGN PATENT DOCUMENTS**

[illegible]

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**Considered**

10/64

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Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **4** of **6**

## **Complete if Known**

Application Number **10/804,007**  
Filing Date **6/20/2003**  
First Named Inventor **Griffin et al**  
Group Art Unit  
Examiner Name  
Attorney Docket Number **78.1081-0.6**

## **U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
A		5,238,074		Tibbitts	08/24/1993	
		5,264,283		Waldenstrom	11/23/1993	
		5,337,844		Tibbitts	08/18/1994	
		5,379,863		Lockwood	01/10/1995	
		5,439,482		Anthony et al	08/08/1995	
		5,464,088		Najafi-Sani	11/07/1995	
		5,469,268		Tank et al	11/21/1995	
		5,498,638		Waldenstrom	03/05/1996	
		5,505,748		Tank et al	04/09/1996	
		5,510,193		Cerutti et al	04/23/1996	
		5,523,121		Anthony et al	06/04/1996	
		5,524,719		Dennis	06/11/1996	
		5,580,718		Tank et al	10/01/1996	
		5,607,024		Keith et al	03/04/1997	
		5,620,382		Cho et al	04/15/1997	
		5,624,068		Waldenstrom et al	04/29/1997	
		5,667,028		Thux et al	09/16/1997	
		5,718,948		Edvard et al	02/17/1998	
		5,722,489		Nguyen et al	03/03/1998	
		5,776,615		Wong et al	07/07/1998	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear	T <sup>5</sup>
A		EP	0300899	A2	Smith International Inc.	01/28/1989		
		EP	0329954	B1	General Electric Company	08/18/1993		
		EP	0500253	B1	Sumitomo Electric	11/12/1997		
		EP	0595830	B1	CSIR	01/07/1998		
		EP	0595631	B1	CSIR	04/09/1997		
		EP	0612886	B1	Sumitomo Electric	07/22/1998		
		EP	0617207	A3	DeBeers Industrial	08/28/1994		
		EP	0767820	A2	Saint-Gobain/Norton	08/06/1997		
		EP	0860515	A1	DeBeers Industrial	08/26/1998		
		UK	2048927	A	DeBeers Industrial	12/17/1980		

Examiner  
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Date

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PTO/SB/08B (08-00)  
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## Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

8

of

**B**

**Complete If Known**

Application Number	10/804,007
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Filing Date	June 20, 2003
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First Named Inventor	Griffin et al.
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Group Art Unit	1775
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Examiner Name	Turner
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Attorney Docket Number	78.1081-0.6
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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

### Examiner

**Cite**

Translation of Japanese Unexamined Patent Application No. 858-91691, "Diamond Sintering and Processing Method," SHUJI YATSU and TETSUO NAKAI, inventors; Application filed May 24, 1983; Applicant: Sumitomo Electric Industries.

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Signature**

Date \_\_\_\_\_

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Form PTO-1449 (modified)



Atty. Docket No.

78.1081-0.6

Serial No.

10/604,007

List of Patents and Publications for Applicant's

Applicant

Nigel Dennis Griffin and Peter Raymond Hughes

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:

August 20, 2003

Group:

1775

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
<i>A</i>	A1	4,224,380	9/23/80	Bovenkerk <i>et al.</i>	428	545	
	A2						
	A3						
	A4						
	A5						

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
<i>A</i>	B1	0 617 207 A3	3/25/94	Europe	F16C	33/04	Yes
<i>B</i>	B2	WO 00/28106	5/18/00	PCT	C23C	16/04	Yes
	B3						

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>A</i>	C1	International Search Report for PCT/GB01/03986, dated 2/18/02
<i>A</i>	C2	International Search Report for PCT/GB01/02638, dated 2/18/02
	C3	

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